

PATENT ABSTRACTS OF JAPAN

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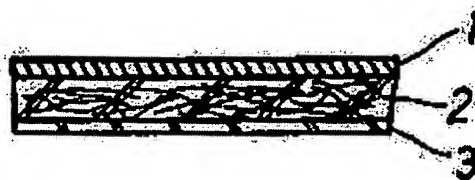
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(54) FOOD PRESERVATION SHEET

(57)Abstract:

PURPOSE: To provide a food preservation sheet adsorbed or impregnated with volatile liquid material having preservative effect to food, and having a surface layer with moisture barrier property and the other surface layer with gas permeability.

CONSTITUTION: A substrate 1 having moisture barrier property (e.g. polyethylene, polypropylene, aluminum foil, etc.) is laminated with an open-cell microporous sheet 2 of a thermoplastic resin (porous sheet obtained by the particular elongation and fibrillation of a polyolefin) which does not exhibit the volume change under normal pressure at or below the softening point of the resin and can adsorb or impregnate a liquid material in the cavities and release the liquid only as the vapor. The porous layer is further laminated with a gas-permeable layer 3 having gas-permeability and heat weldability, e.g. nonwoven fabrics. A volatile liquid material having preservative effect to foods (e.g. ethyl alcohol, acetic acid, propionic acid, etc.) is adsorbed or impregnated to the porous sheet.



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